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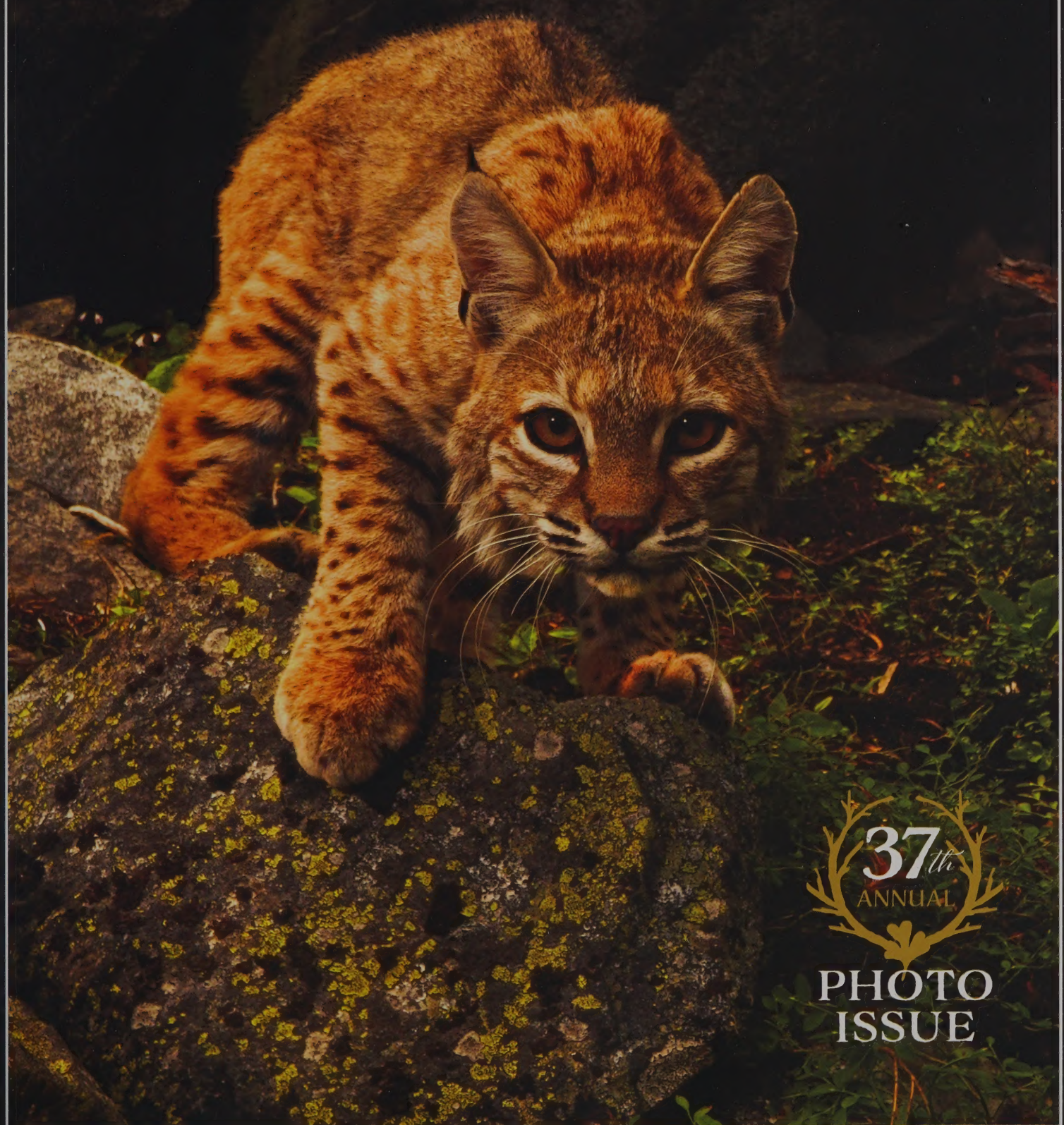

37th ANNUAL

PHOTO ISSUE

Montana Fish, Wildlife & Parks

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SECOND PLACE MAGAZINE: 2007, 2009, 2012, 2015, 2016
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VOLUME 49, NUMBER 1

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JANUARY–FEBRUARY 2018

New technology has always expanded the artistic boundaries of outdoor photography—from Kodak's introduction of the portable "Brownie" in 1900 to, a century later, the digital cameras now used by nearly everyone.

The innovation revolutionizing wildlife photography most recently is the trail camera, also known as the camera trap. Versions of the device were pioneered in part by FWP's Tim Manley, a Kalispell-based bear management specialist who rigged up cameras with infrared and motion sensors to photograph grizzlies. Camera traps allow photographers to capture images of wildlife so close you can almost smell the fur. And to do so while they are miles away when the shutter actually releases.

Kalon Baughan, a wildlife painter and photographer in Helmville, produced the stunning bobcat image on the cover using a remotely triggered digital single lens reflex (DSLR) camera set in a remote area of the Pintler Mountains. In addition to the woodcraft required to know where to place a camera trap to photograph various wildlife species, Baughan relies on his artist's eye for camera and flash placement and framing. "Here, I purposely set the camera at a very low angle of view, putting the viewer at the subject animal's eye level, while using a wide-angle lens to enhance the illusion of feeling even closer to the subject," he says.

Wildlife closeups have traditionally come from telephoto lenses, which can produce stunning results, as seen on many pages of this 37th annual photo issue of *Montana Outdoors* (including the pine marten below). Remotely triggered cameras produce even closer shots of wildlife, often at night, giving us glimpses of species and settings rarely seen before.

Photographers continually seek the most beautiful and captivating images of wildlife. We can only wonder what they will come up with next.

—Tom Dickson, Editor

ERIK PETERSEN
Above: Great blue heron

JOHN R. SHARKEY
Right: Pine marten

KALON BAUGHAN
Cover: Bobcat

JAIME & LISA JOHNSON
Top: Great gray owl preening during a snowstorm, southwestern Montana

STEVE McMORRAN
Right: Saw-whet owl sitting on the broken branch of a ponderosa pine, Helena Valley

DOUG TATE
Left: Long-eared owl with a shrew

DONNA RIDGWAY
Below: Burrowing owl at First Peoples Buffalo Jump State Park

Clockwise from left:

SHERRY MYERS
View from a kayak on Flathead Lake

BOB ZELLAR
Prickly poppy on the Rimrocks, near Billings

JEANETTE TASEY
Pinyon jay on a snowy day, Yellowstone County

JOHN O'NEEL
Robin's nest

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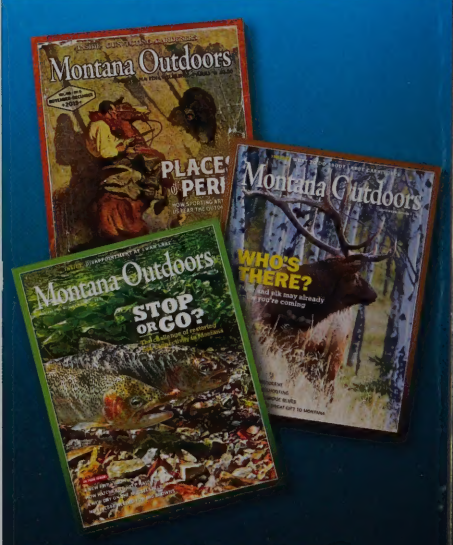

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Plus the annual photo issue!

LARRY DEARS
Top: Mountain bluebird feather

BRANDON KEIM
Above: Lightning storm over Bozeman

LON E. LAUBER
Above: Cow elk splashing, western Montana

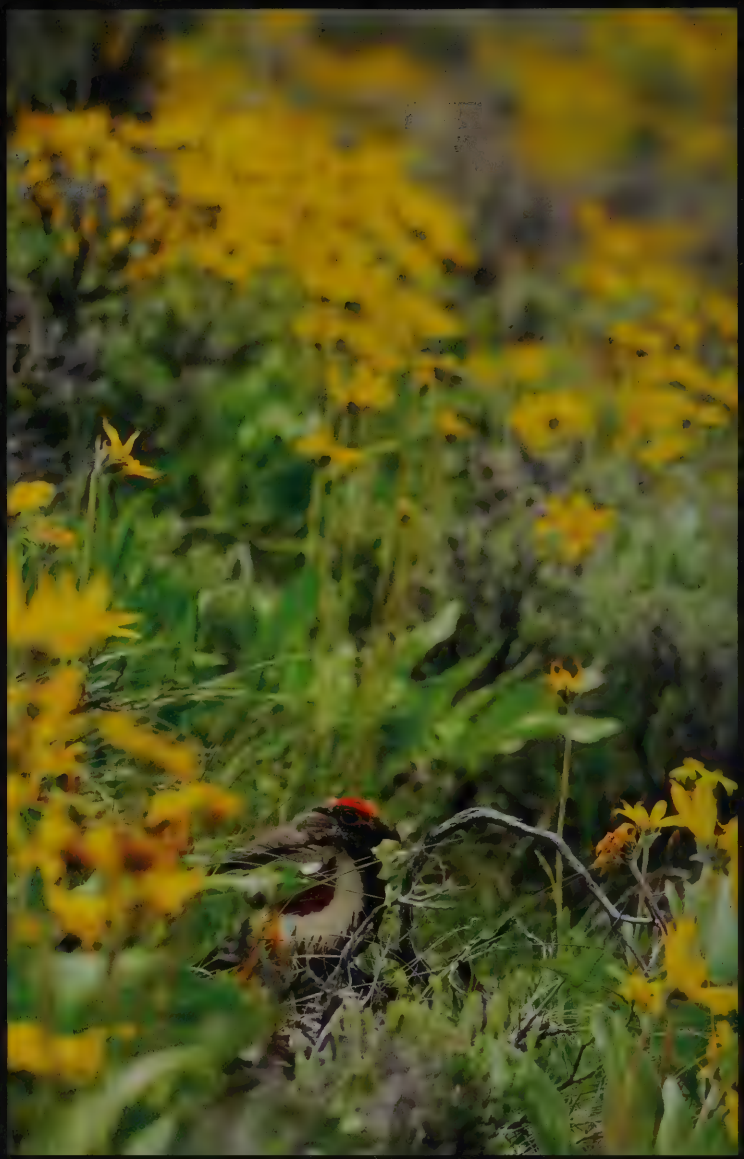
KRISTINE MANLEY
Right: Calf elk, Gardiner

KARL KRIEGER
Above: Elk, Charles M. Russell National Wildlife Refuge

KEN PLOURDE
Right: Spruce grouse, Centennial Valley

STEVEN AKRE
Bottom left: Blooming beargrass, lupine, and Indian paintbrush, near St. Mary

JEFF VAN TINE
Below: Arrowleaf balsamroot, Rocky Mountain Front



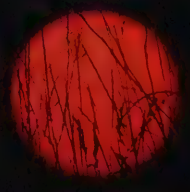
NELSON KENTER
Above: Seed heads of western pasqueflowers, Glacier National Park

ED COYLE
Opposite page: Sunset over sagebrush and arrowleaf balsamroot

NICK TREHEARNE
Opposite page: Bighorn rams, central Montana

DOUG TATE
Above: Bighorn ewe and ram

SAM PARKS
Left: Bighorn lambs, near Gardiner

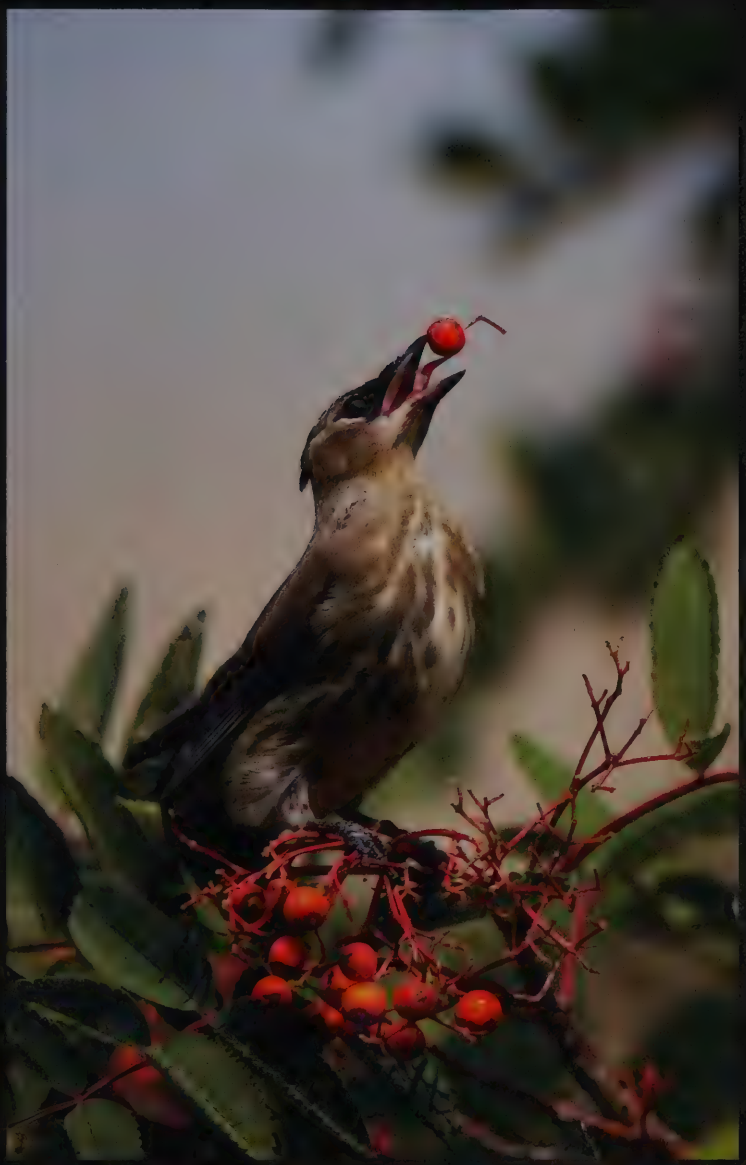


BOB ZELLAR
Top left: Wild sunflower silhouetted in a smoky sunrise, Billings

JOEL MAES
Above left: Smoky sunset during fire season

VICKI CORREIA
Above: Backlit golden currant leaves in fall colors

JOHN CARLSON
Below: Greater sage-grouse, near Winnett



Clockwise from near left:

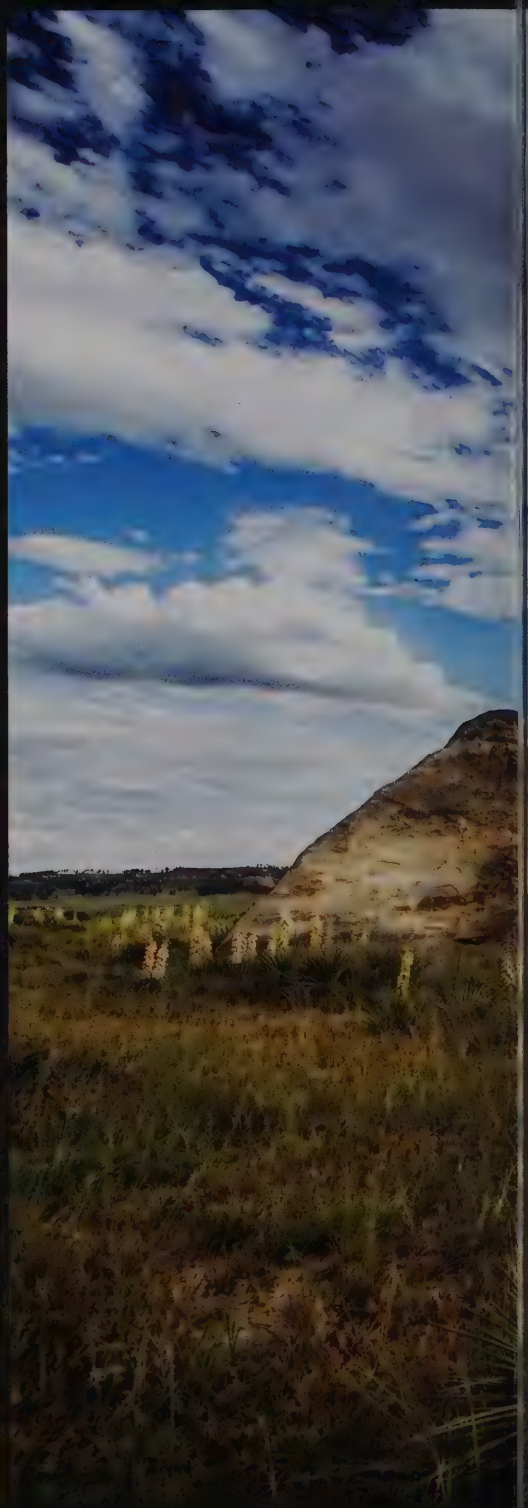
BECCA WOOD
Young cedar waxwing eating mountain ash berries

DEBORAH BIEHL
Wild rose leaves, Judith River

LINDA S. MARTIN
Pacific yew

JEFF VAN TINE
Gray jay eating a ripe yellow transparent apple

CHARLES RENFRO
Opposite page: Black bear sow and cubs feeding on huckleberries



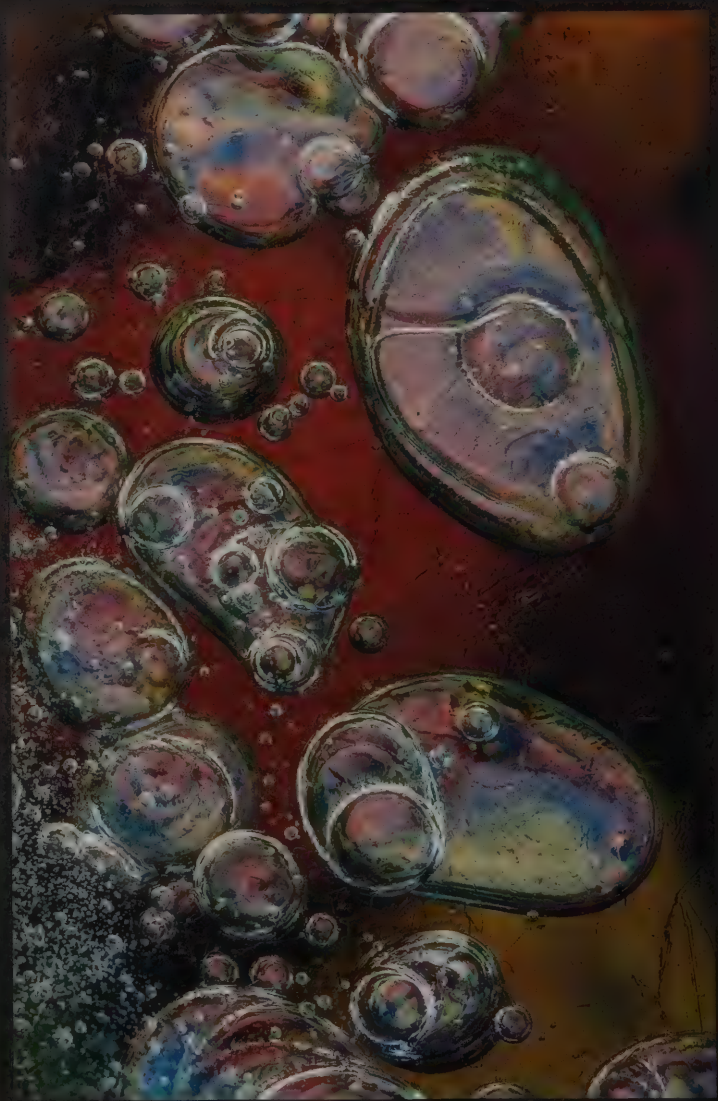
JOHN CARLSON
Top: Sagebrush lizard, Pryor Mountains

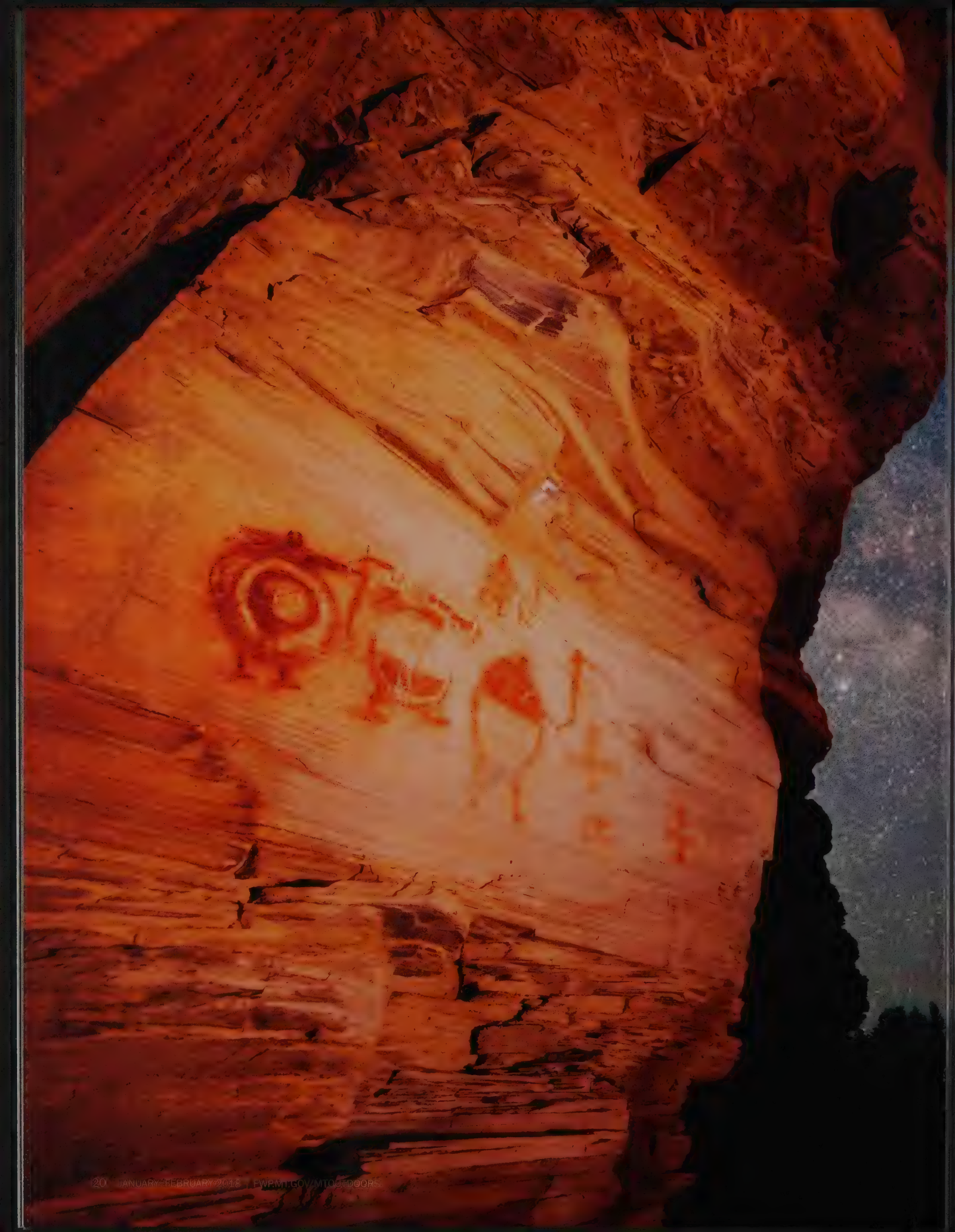
DICK WALKER
Above: Bank swallows, Ravalli County

ALEXIS BONOGOFSKY
Above: Yucca plants and sandstone formations, Yellowstone County

ED COYLE
Right: Water lilies, Seeley Lake

CHUCK HANEY
Below: Closeup of frozen bubbles under ice along the edge of Lake McDonald, Glacier National Park





JOHN ASHLEY
Shield warrior pictographs with the Milky Way over Bear Gulch, near Lewistown

DUANE HUIE
Below: Red fox kit, south of Livingston

LINDA KELLY
Bottom: Adult red fox

TOM REICHNER
Right: Young coyote, National Bison Range

CRAIG MILLER
Opposite page: Adult swift fox, Phillips County

Clockwise from right:

JEREMY ROBERTS
Frosted aspen sapling

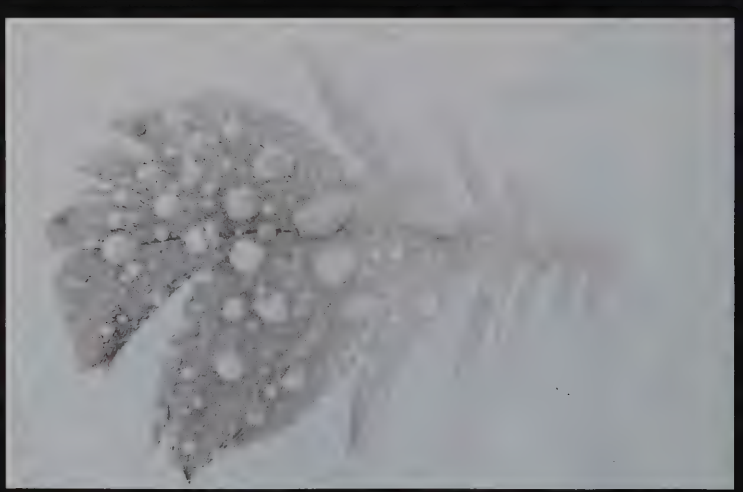
THERESA JOHNSON
Frozen feather, near Fort Peck

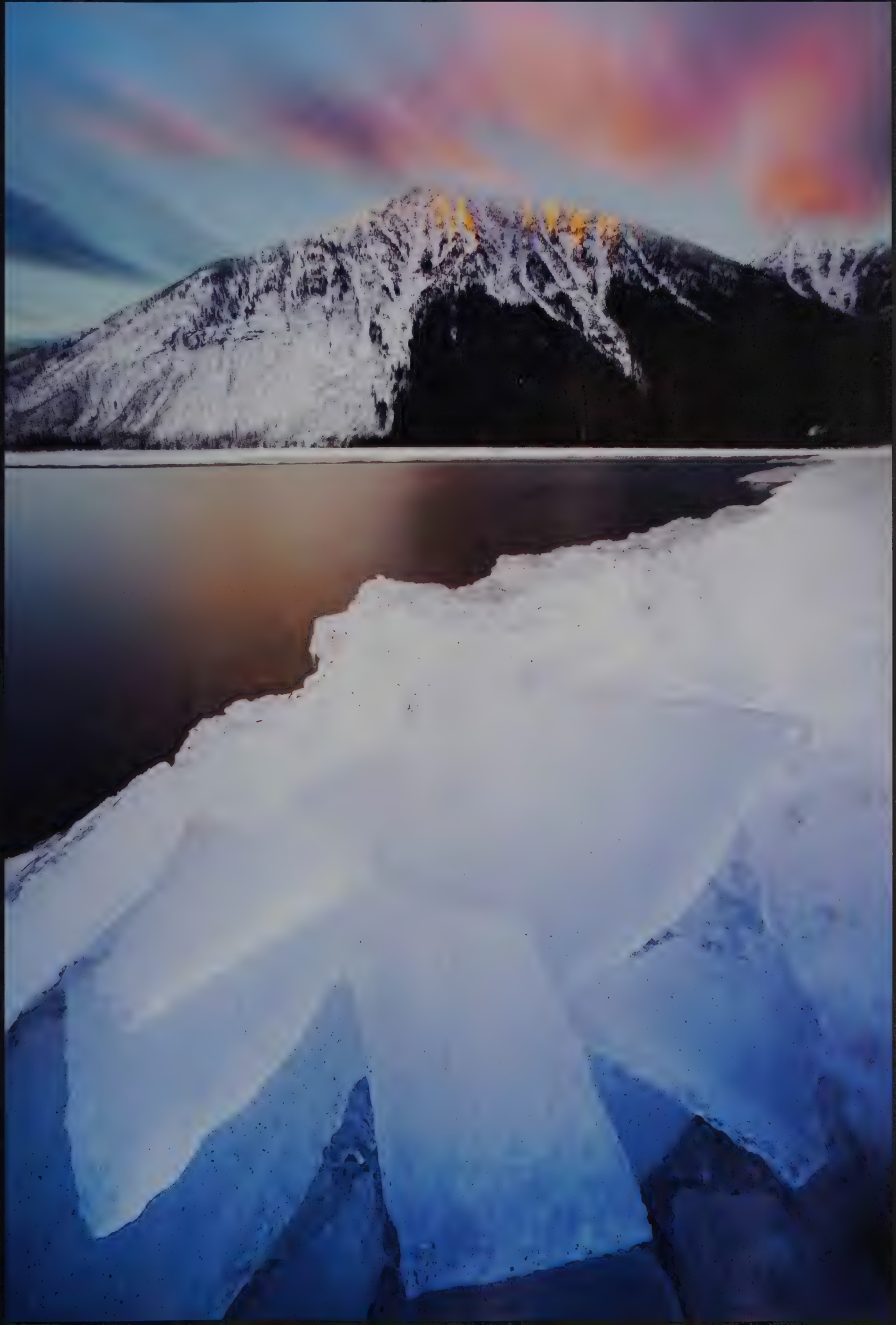
RANDY BEACHAM
Ice crystals on rocks, West Fork Yaak River

ALLEN HAY
Ice crystals, Bitterroot River

Opposite page:

NICHOLAS PARKER
Shore ice on Lake McDonald below Stanton Peak, Glacier National Park





DONALD M. JONES
Above: Whitetail doe, near Harlem

NATHAN HARDEBECK
Right: Mule deer doe, buck and fawn

CHRIS AUCH
Top left: Mule deer buck in velvet

SAMUEL VEICH BUSSEY
Top right: Mule deer buck and western meadowlark

STEVE MITCHELL
Above left: Whitetail buck, National Bison Range

RODNEY SCHLECHT
Above right: Mule deer buck, Highwood Mountains

JOAN M. STEWART
Right: Eastern racer, near Moiese

THOMAS DAVID RITTER
Far right: Plains hog-nosed snake, Cedar Creek drainage, eastern Montana

NATHAN COOPER
Above: Bull snake crossing the Missouri River, near Fort Peck

STEVEN GNAM
Right: Garter snake shed

JOHN LAMBING
Far right: Prairie rattlesnake, Terry badlands

SHARON DEWART-HANSEN
Above: Juvenile Swainson's hawk eating a plains garter snake, Benton Lake National Wildlife Refuge

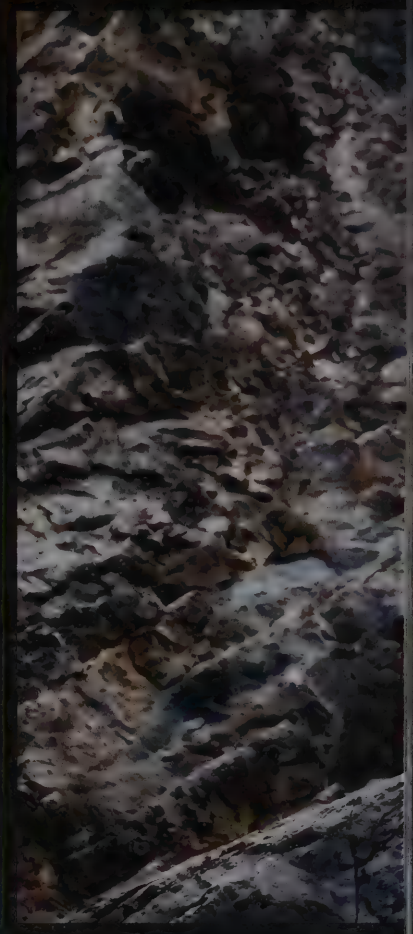
Clockwise from opposite top left.

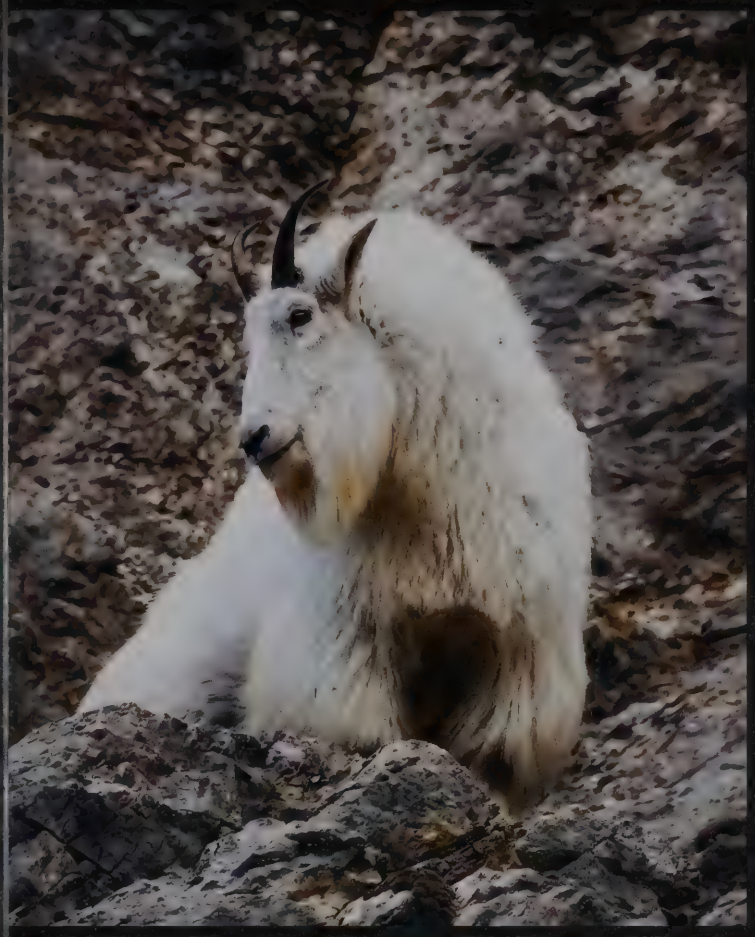
NICOLE KEINTZ
Sky, mountains, and prairie from a moving car, between Three Forks and Townsend

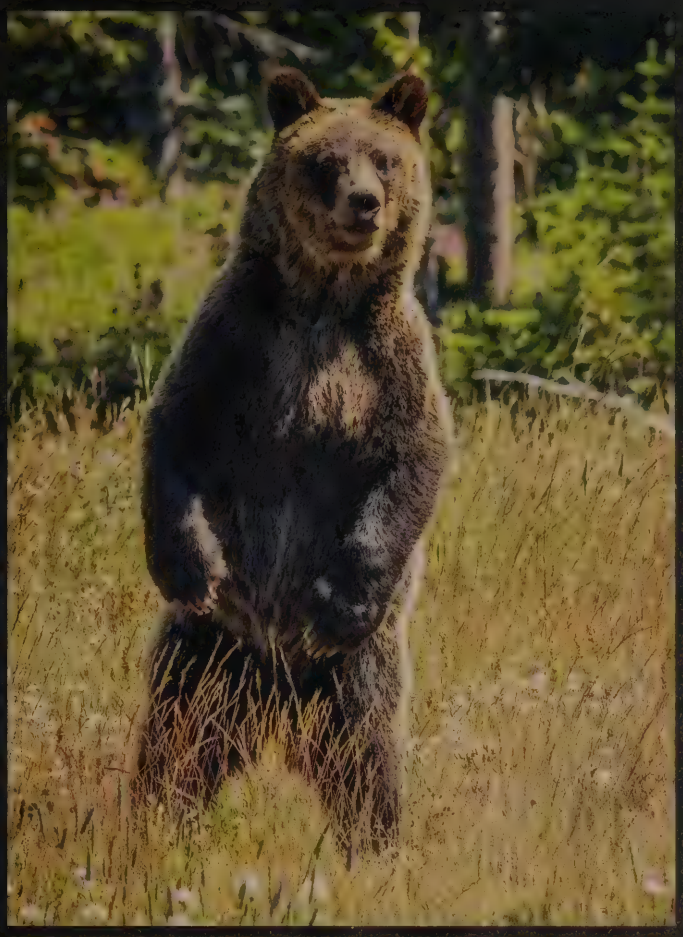
JOHN JURACEK
Aspen trees, near West Yellowstone

KEN ARCHER
Waterfowl wakes at dusk, Ninepipe National Wildlife Refuge

JOHN WARNER
Common goldeneye over the Yellowstone River







Clockwise from opposite top left:

BRETT SWAIN
Bull moose, struggling in pond muck

KARL KRIEGER
Mountain goat, Beaver Creek Area, near Helena

CHARLES RENFRO
Young grizzly bear, near Cooke City

DONNA RIDGWAY
Bull elk charging, Charles M. Russell National Wildlife Refuge

DAVID R. ARMER
Bison

ALEXIS BONOGOFSKY
Top: Raven

JULIE BETTS
Above: Northern flickers

LINNETT LONG
Right: Wet magpie

JASON SAVAGE
Left: Red-winged blackbird

JOHN WARNER
Below: Sparring rooster ring-necked pheasants

PHILIP GRANRUD
Northern lights over the Sprague wildfire, Glacier National Park

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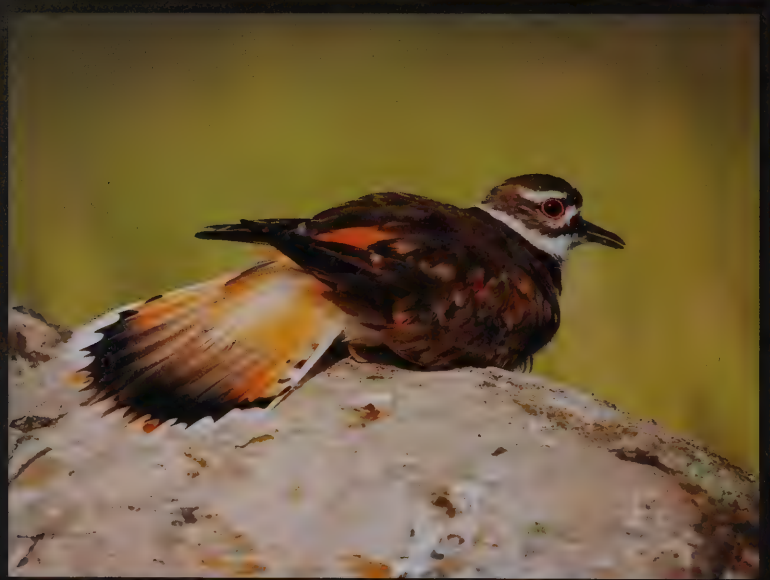
CHRIS BOYER
Prairie scorched by a wildfire ignited by lightning, Sweet Grass County



GARY KRAMER
Top left: Red crossbill, Lolo National Forest

MARIROSE KUHLMAN
Top right: Digger bee, on golden currant

MARIROSE KUHLMAN
Above left: Green mason bee and penstemon

KEVIN LEAGUE
Above: Western tanager

LAURA VERHAEGHE
Left: Killdeer

CHRIS McGOWAN
Top left: Cedar waxwing, near Rainy Lake

BOB MARTINKA
Above left: Honeybee on narrow-leaved purple coneflower

JAMES RIDLE
Top right: Hunt's bumblebee

RANDY SMITH
Above right: Belted kingfisher with giant waterbug, near Missoula

ELIZABETH E. MOORE
Right: American goldfinch on Russian thistle

JENNIE MARIE SCHELL
Above: Bull moose

RYAN BRENNECKE
Right: Mayfly at sunset

ZACK CLOTHIER
Above: Quiet September evening along the Saint Mary River

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JESSE LEE VARNADO
Burned tree trunk, Helena National Forest

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